

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number
WO 2005/044683 A1

(51) International Patent Classification⁷: **B65D 39/04**

10-2004-0079737

(21) International Application Number:

PCT/KR2004/002842

24 September 2004 (24.09.2004) KR

10-2004-0086931 25 October 2004 (25.10.2004) KR

10-2004-0086929 25 October 2004 (25.10.2004) KR

10-2004-0086930 25 October 2004 (25.10.2004) KR

(22) International Filing Date:

5 November 2004 (05.11.2004)

(71) Applicants and

(72) Inventors: **LEE, Jeong-Min** [KR/KR]; A-1208, Misung APT., 37, Yeuido-Dong, Youngdungpo-Gu, Seoul 150-887 (KR). **LEE, Seong-Jae** [KR/KR]; A-1208, Misung APT., 37, Yeuido-Dong, Youngdungpo-Gu, Seoul 150-887 (KR).

(25) Filing Language:

Korean

(26) Publication Language:

English

(30) Priority Data:

10-2003-0080378

5 November 2003 (05.11.2003) KR

10-2004-0004030 15 January 2004 (15.01.2004) KR

10-2004-0004884 19 January 2004 (19.01.2004) KR

10-2004-0004883 19 January 2004 (19.01.2004) KR

10-2004-0023921 2 April 2004 (02.04.2004) KR

10-2004-0023923 2 April 2004 (02.04.2004) KR

10-2004-0027306 17 April 2004 (17.04.2004) KR

10-2004-0028841 21 April 2004 (21.04.2004) KR

10-2004-0060997 19 July 2004 (19.07.2004) KR

10-2004-0064912 13 August 2004 (13.08.2004) KR

10-2004-0074774

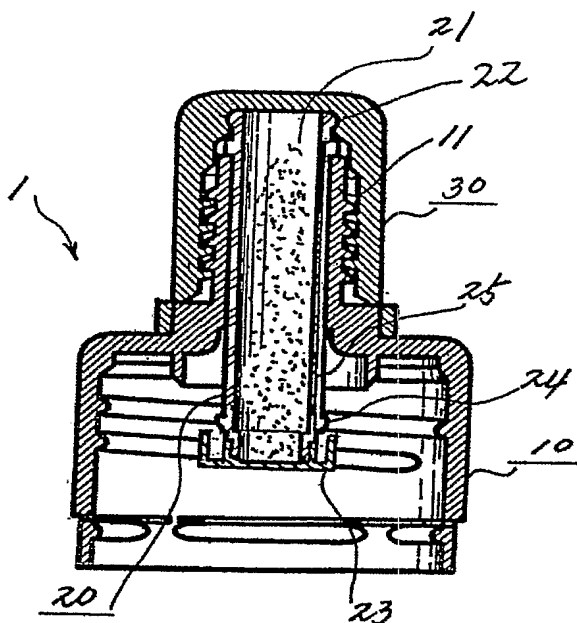
13 September 2004 (13.09.2004) KR

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: METHOD AND STRUCTURE FOR MIXING DIFFERENT MATERIALS



(57) Abstract: A structure for mixing different materials includes a main body having a lip portion with an upper opening portion, the main body coupled to an opening of a container containing a first material; a spouting guide member movably inserted in the lip portion by a predetermined distance; a cap ascending and descending together with the spouting guide member, the cap being coupled to the main body; and a seal closer separately formed on a lower portion of the spouting guide member.

WO 2005/044683 A1



FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.